

FORM PTO-1449
(REV. 7-80)ATTY. DOCKET NO.
EBC97-06ASERIAL NO.
08/851,089INFORMATION DISCLOSURE CITATION
IN AN APPLICATION

APPLICANTS

Aldis Darzins and Gregory T. Mrachko

FILING DATE

May 5, 1997

GROUP

OCT 2 1997
(Use several sheets if necessary)

U.S. PATENT DOCUMENTS

EXAM- INER INI- TIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
	AA	5,356,801	10/18/94	Rambosek, J. et al.	435	195	07/09/93
	AB	5,358,870	10/25/94	Monticello, D.J. et al.	435	282	06/11/92
	AC	5,356,813	10/18/94	Monticello, D.J.	435	282	04/30/92
	AD	5,198,341	03/30/93	Kilbane II, J.J.	435	42	01/14/91
	AE	5,132,219	07/21/92	Kilbane II, J.J.	435	195	02/28/90
	AF	5,344,778	09/06/94	Kilbane II, J.J.	435	262	05/28/92
	AG	5,104,801	04/14/92	Kilbane II, J.J.	435	282	01/05/90
	AH	5,002,888	03/26/91	Kilbane II, J.J.	435	252. 31	01/05/90
	AI	5,607,857	03/04/97	Grossman et al.	435	282	06/13/95
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO
	AL						
	AM						
	AN						
	AO						
	AP						
	AQ						

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	AR	Brosius, J., "Laboratory Methods," DNA, 8(10): 759-777 (1989).
	AS	Vieira, J. and Messing, J., "New pUC-derived Cloning vectors with different selectable markers and DNA replication origins," Gene, 100: 189-194 (1991).
	AT	Vieria, J. and Messing, J., "The pUC plasmids, an M13mp7-derived system for insertion mutagenesis and sequencing with synthetic universal primers," Gene, 19: 259-268 (1982).
	AU	Monticello, D.J. et al., "Practical Considerations in Biodesulfurization of Petroleum," IGT's 3rd Intl. Symp. on Gas, Oil, Coal and Env. Biotech., (Dec. 3-5, 1990) New Orleans, LA.

EXAMINER

DATE CONSIDERED

FORM PTO-1449
(REV. 7-80)INFORMATION DISCLOSURE CITATION
IN AN APPLICATION

OCT 20 1997

(Use several sheets if necessary)

ATTY. DOCKET NO.

FBC97-06A

SERIAL NO.

08/851,089

APPLICANTS

Aldis Darzins and Gregory T. Mrachko

FILING DATE

May 5, 1997

GROUP

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

AV	Xu, Y. et al., Abstracts of the 95th General Meeting of the American Society for Microbiology, Q-281).
AW	Li, M.Z. et al., "Genetic Analysis of the <i>dsz</i> Promoter and Associated Regulatory Regions of <i>Rhodococcus erythropolis</i> IGTS8," <i>J. Bacteriol.</i> , 178(22): 6409-6418 (November 1996).
AX	Parry, R.J. et al., "Cloning, Analysis, and Overexpression of the Gene Encoding Isobutylamine N-Hydroxylase from the Valanimycin Producer, <i>Streptomyces viridifaciens</i> ," <i>J. Bacteriol.</i> , 179(2): 409-416 (January 1997).
AY	Hirel, Ph.-Hervé, et al., "Extent of N-terminal methionine excision from <i>Escherichia coli</i> proteins is governed by the side-chain length of the penultimate amino acid," <i>Proc. Nat. Acad. Sci. USA</i> , 86: 8247-8251 (November 1989).
AZ	Monticello, D.J. and Finnerty, W.R., "Microbial Desulfurization of Fossil Fuels," <i>Ann. Rev. Microbiol.</i> , 39: 371-389 (1985).
AR2	Gundlach, E.R. et al., "The Fate of Amoco Cadiz Oil, <i>Science</i> , 221: 122-129 (1983).
AS2	Yen, K.-M., "Construction of Cloning Cartridges for Development of Expression Vectors in Gram-Negative Bacteria," <i>J. Bacteriol.</i> , 173: 5328-5335 (September 1991).
AT2	Omori, T. et al., "Desulfurization of Dibenzothiophene by <i>Corynebacterium</i> sp. Strain SY1," <i>Appl. Env. Microbiol.</i> , 58(3): 911-915 (March 1992).
AU2	Izumi, Y. et al., "Selective Desulfurization of Dibenzothiophene by <i>Rhodococcus erythropolis</i> D-1," <i>Appl. Env. Microbiol.</i> , 60(1): 223-226 (January 1994).
AV2	Lee, M.K. et al., "Sulfur-Specific Microbial Desulfurization of Sterically Hindered Analogs of Dibenzothiophene," <i>Appl. Environ. Microbiol.</i> , 61(12): 4362-4366 (December 1995).
AW2	Constanti, M. et al., "Degradation and desulfurization of dibenzothiophene sulfone and other sulfur compounds by <i>Agrobacterium</i> MC501 and a mixed culture," <i>Enzyme Microb. Tech.</i> , 19: 214-219 (1996).
AX2	Gray, K.A. et al., "Molecular mechanisms of biocatalytic desulfurization of fossil fuels," <i>Nature Biotech.</i> , 14: 1705-1709 (December 1996).
AY2	Altschul, S.F. et al., "Basic Local Alignment Search Tool," <i>J. Mol. Biol.</i> , 215: 403-410 (1990).

EXAMINER

DATE CONSIDERED

FORM PTO-1449
(REV. 7-80)INFORMATION DISCLOSURE CITATION
IN AN APPLICATION

(Use several sheets if necessary)

ATTY. DOCKET NO.
EBC97-06ASERIAL NO.
08/851,089

APPLICANTS

Aldis Darzins and Gregory T. Mrachko

FILING DATE
May 5, 1997

GROUP

U.S. PATENT DOCUMENTS

EXAM- INER INI- TIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

AZ2	West, S.E.H. et al., "Codon usage in <i>Pseudomonas aeruginosa</i> ," <i>Nucl. Acids Res.</i> , 16(19): 9323-9335 (1988).
AR3	Blanc, V. et al., "Cloning and Analysis of Structural Genes from <i>Streptomyces pristinaespiralis</i> Encoding Enzymes Involved in the Conversion of Pristinamycin II _B to Pristinamycin II _A (PII _A): PII _A Synthase and NADH:Riboflavin 5'-Phosphate Oxidoreductase," <i>J. Bacteriol.</i> , 177(18): 5206-5214 (September 1995).
AS3	Duggleby, R.G., "[3] Analysis of Enzyme Progress Curves by Nonlinear Regression," <i>Methods Enzymo.</i> , 249: 61-90 (1995).
AT3	Denome, S.A. et al., "Characterization of the Desulfurization Genes from <i>Rhodococcus</i> sp. Strain IGTS8," <i>J. Bacteriol.</i> , 176(21): 6707-6716 (November 1994).
AU3	Woo, T.H.S. et al., "An Application of a Simple Method for the Preparation of Bacterial DNA," <i>BioTechniques</i> , 13(5): 696-698 (1992).
AV3	Birboim, H.C. and Doly, J. "A rapid alkaline extraction procedure for screening recombinant plasmid DNA," <i>Nuc. Acids Res.</i> , 7(6): 1513-1523 (1979).
AW3	Vogelstein and Gillespie, <i>Proc. Natl. Acad. Sci. USA</i> , 76: 615-619 (1979).
AX3	Devereux, J. et al., "A comprehensive set of sequence analysis programs for the VAX," <i>Nucl. Acids Res.</i> , 12(1): 387-395 (1984).
AY3	Yabuuchi, E. et al., "Proposals of <i>Sphingomonas paucimobilis</i> gen. nov. and comb. nov., <i>Sphingomonas parapaucimobilis</i> sp. nov., <i>Sphingomonas yanoikuyae</i> sp. nov., <i>Sphingomonas adhaesiva</i> sp. nov., <i>Sphingomonas capsulata</i> comb. nov., and Two Genospecies of the Genus <i>Sphingomonas</i> ," <i>Microbiol. Immunol.</i> , 34(2): 99-119 (1990).
AZ3	Foght, J.M. and Westlake, D.W.S., "Expression of dibenzothiophene-degradative genes in two <i>Pseudomonas</i> species," <i>Can. J. Microbiol.</i> , 36: 718-724 (1990).
AR4	Monticello, D.J. et al., "Plasmid-Mediated Degradation of Dibenzothiophene by <i>Pseudomonas</i> species," <i>Appl. Environ. Microbiol.</i> , 49(4): 756-760 (April 1985).
AS4	Piddington, C.S. et al., "Sequence and Molecular Characterization of a DNA Region Encoding the Dibenzothiophene Desulfurization Operon of <i>Rhodococcus</i> sp. Strain IGTS8," <i>App. Environ. Microbiol.</i> , 61(2): 468-475 (February 1995).

EXAMINER

DATE CONSIDERED